



CEM Biofuture Platform Initiative

2023 Action Plan

BIOFUTURE INITIATIVE | WORKSTREAMS OVERVIEW

WORKSTREAMS

CEM / G20 Events & Dialog: Future Fuels	Biomass Quantification & Sustainability	Policy Best Practices	Advancing Biochemicals & Biomaterials	De-Risking Project Finance
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LEAD ENTITY

CORE GROUP




OBJECTIVE(S)

- Raise awareness of bioenergy and the wider bioeconomy with policy makers, especially through CEM, G20 and other international events.

- Improve understanding of sustainable biomass supplies.
- Document areas of consensus, concern and disagreement relating to sustainability of biomass
- Develop collaborations to build mutual understanding

- Identify and promote policy best practices for the bioeconomy

- Identify barriers slowing the uptake of bio-based chemicals and materials and propose solutions, including better data on production and use, carbon accounting, and lack of supportive policies

- Facilitate dialogue between Governments, Industry and various types of Investors to enable a flow of finance to biomass-based projects

WORKSTREAMS | CEM & G20 EVENTS

IMPLEMENTATION LEADS: Core Group Countries, IEA & Biofuture Campaign

OBJECTIVE

- Raise awareness of bioenergy and the wider bioeconomy with policy makers, especially through CEM, G20 and other international events.

2023 ACTIONS

- Develop and implement Biofuture Events for CEM and G20 meetings India (2023) and Brazil (2024)
- Engage and align with interests of India and Brazil
- Mediate input from Industry
- Enable high-level dialog with stakeholders and critics
- Showcase progress and outputs of Biofuture Initiative workstreams

CEM & G20 Biofuture Events 2023 (an incomplete list)

India Energy Week Biofuture

- 6 February
- Bangalore
- G20 ETWG-1

CEM SENIOR OFFICIALS MEETING

- 20 – 22 March
- Rio de Janeiro

CEM14/MI8

- 21 – 22 July
- Goa
- G20 ETWG-4

G20

- 9 – 10 September
- New Delhi

COP28

- 30 Nov – 12 Dec
- Dubai

CEM14/MI8 Prep

- 2 – 5 April
- Gandhinagar
- G20 ETWG-2
- Biofuture role TBD

Energy Security | IEA

- April or May
- Paris
- To be developed

CEM14/MI8 Prep

- 15 – 17 May
- Mumbai
- G20 ETWG-3
- Biofuture Role TBD

Climate Week NYC

- 18 – 24 September
- NYC
- Future of Fuels
- To be developed

WORKSTREAMS | BIOMASS QUANTIFICATION & SUSTAINABILITY

IMPLEMENTATION LEADS: U.S. DOE & IEA Biofuture Team

OBJECTIVES

- Improve understanding of sustainable biomass supplies
- Document areas of consensus, concern, and disagreement relating to sustainability of biomass
- Develop collaborations to build mutual understanding & de-risk use of sustainable biomass

2023 ACTIONS

- Finalize “Review of issues impacting sustainable biomass supplies” (aka Background paper)
- Implement multi-pronged stakeholder outreach and analysis to understand concerns and areas of agreement and develop collaborative partnership(s) to advance good practice
- Design and implement strategies to share tools that promote positive outcomes and reduce risks and concerns related to specific feedstocks and issues:
 - Tools to de-risk investments
 - Best practices to address concerns over competition for land and inputs (LUC/ILUC, agricultural)
 - Forestry-specific bioenergy issues
- Support improved communications and evidence-based messaging (e.g., inputs for workshops and materials for CEM and other outreach efforts)

WORKSTREAMS | POLICY & BEST PRACTICES

IMPLEMENTATION LEADS: IEA Biofuture Team

OBJECTIVE

- Identify and promote policy best practices for the bioeconomy

2023 ACTIONS

- Update the Biofuture Policy Blueprint and increase coverage of “good” policies
 - Complete profiles for transport biofuels for Argentina and Hungary
 - Extend the policy blueprint to heat and power (based on policy examples rather than profiles)
- Comparative analysis of policies supporting transport biofuels policies across
 - Showcase technology-neutral policies that reduce GHG emissions
 - Increase mutual understanding of carbon accounting and its application in low carbon fuel standards

PARTNER ASSOCIATIONS & MEMBER COMPANIES

ALDER
FUELS



CLARIANT



LanzaTech



TOPSOE



BIOFUTURE CAMPAIGN | WORKSTREAMS CONTRIBUTIONS

CEM / G20 Events & Dialog: Future Fuels

Biomass Quantification & Sustainability

Policy Best Practices

Advancing Biochemicals & Biomaterials

De-Risking Project Finance

LEAD ENTITY

CORE GROUP




CONTRIBUTIONS

- Enable (and recruit) Industry to CEM / G20 events
- Develop relevant and impactful side events with Industry input
- Develop location specific events highlighting local issues (India, Brazil, USA, Europe)

- Recruit Industry engagement in Biomass Quantification & Sustainability Events (e.g., Maerk McKinney Møller Workshop)
- Enable Industry contributions to Workstreams docs and products

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- Support carbon intensity based policies within the bio-based economy and across classes of Renewable Energy

- Identify barriers slowing the uptake of bio-based chemicals and materials and propose solutions, including better data on production and use, carbon accounting, and lack of supportive policies

- Facilitate dialogue between Governments, Industry and various types of Investors to enable a flow of finance to biomass-based projects
- Engage current topical challenges such as Voluntary Carbon Market and Use of Woody Biomass

WORKSTREAMS | ADVANCING BIOCHEMICALS & BIOMATERIALS

IMPLEMENTATION LEADS: CEM Biofuture Campaign

OBJECTIVE

- Identify barriers slowing the uptake of bio-based chemicals and materials and propose solutions, including better data on production and use, carbon accounting, and lack of supportive policies

2023 ACTIONS

- Convene workshop(s) with OECD, other organisations and industry partners to identify key issues and propose joint solutions
- Develop analytical workstreams on
 - Bio-based chemicals
 - Bio-based materials

WORKSTREAMS | DE-RISKING PROJECT FINANCE

IMPLEMENTATION LEADS: CEM Biofuture Campaign

OBJECTIVE

- Facilitate dialogue between Governments, Industry and various types of Investors to enable a flow of finance to biomass-based projects

2023 ACTIONS

- Convene investor workshops to enable dialog between project developers and financiers
- Identify barriers to scaling investment in biomass-based projects
- Identify specific role in finance where the Biofuture Initiative can make a material difference and develop appropriate analytical workstreams